

## EAST Search History

| Ref # | Hits  | Search Query  | DBs  | Default Operator | Plurals | Time Stamp       |
|-------|-------|---|--|------------------|---------|------------------|
| S2    | 3     | ((("2723554") or ("20020047220")).PN.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB                      | OR               | OFF     | 2006/11/13 16:05 |
| S3    | 8     | ((("5110514") or ("5547618") or ("5662839") or ("5741831") or ("5973098") or ("6416689") or ("20030125410") or ("20040021238")).PN. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB                      | OR               | OFF     | 2006/11/07 14:37 |
| S5    | 4     | EP-0768169-\$.did. or<br>WO-9836868-\$.did. or<br>JP-10146846-\$.did.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/07 12:38 |
| S6    | 11    | S2 or S3  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/07 13:01 |
| S7    | 4867  | ((264/132,1.1,496,2.5,2.7) or (73/40.7) or (425/2)).CCLS.   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB                      | OR               | OFF     | 2006/11/07 12:56 |
| S10   | 0     | (optical or ophthalmic) adj lens\$2<br>same ((self\$1heal\$3 or<br>self\$clos\$3) adj seal\$3)                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/07 13:06 |
| S11   | 37030 | (optical or ophthalmic) adj lens\$2   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2006/11/07 13:06 |

## EAST Search History

|     |         |   |  |    |    |                  |
|-----|---------|---|--|----|----|------------------|
| S12 | 143     | (self\$1heal\$3 or self\$1clos\$3) adj<br>seal\$3 | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 13:07 |
| S13 | 0       | S11 and S12                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 13:08 |
| S14 | 1421662 | mold\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 13:09 |
| S15 | 7599    | S11 and S14                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 13:09 |
| S16 | 285321  | mold\$3 with plastic                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 13:10 |
| S17 | 2518    | S11 and S16                                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 13:10 |
| S18 | 2450662 | seal\$3   | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 13:12 |

## EAST Search History

|     |       |  |  |    |    |                  |
|-----|-------|--|--|----|----|------------------|
| S20 | 64689 | seal\$3 with leak  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 13:13 |
| S21 | 40    | S17 and S20  | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2006/11/07 13:14 |
| S22 | 7     | (US-20040131849-\$ or<br>US-20040021238-\$ or<br>US-20030214060-\$ or<br>US-20030052423-\$).did. or<br>(US-6843940-\$ or US-6733701-\$<br>or US-6099763-\$).did. | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 13:41 |
| S23 | 4084  | leak adj test\$3   | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 13:41 |
| S24 | 0     | S22 and S23  | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 13:41 |
| S25 | 1     | S21 and S23  | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 13:47 |
| S26 | 3     | (silicone or neoprene) with seal\$3<br>same puncture with test\$3  | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 14:38 |
| S27 | 4     | (silicone or neoprene) with seal\$3<br>same leak adj test\$3 same<br>vacuum  | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 13:52 |
| S28 | 0     | seal same (puncture or hole) same<br>vacuum same lead adj test   | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 13:57 |
| S29 | 5793  | seal same (puncture or hole) same<br>vacuum  | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 13:58 |
| S30 | 62    | S23 and S29  | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 14:14 |
| S31 | 3     | S11 and S30  | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 13:59 |
| S32 | 355   | S7 and S11   | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 14:17 |
| S33 | 0     | S32 and S23  | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 14:15 |
| S34 | 200   | S32 and S16  | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 14:18 |
| S35 | 12    | S34 and S20  | US-PGPUB;<br>USPAT   | OR | ON | 2006/11/07 14:18 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| S37 | 1112  | (73/40.7).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/11/07 14:38 |
| S38 | 2647  | (silicone or neoprene) with seal\$3<br>same (puncture or hole)             | US-PGPUB;<br>USPAT                                    | OR | ON  | 2006/11/07 14:39 |
| S39 | 0     | S37 and S38  | US-PGPUB;<br>USPAT                                    | OR | ON  | 2006/11/07 14:39 |
| S40 | 25400 | (silicone or neoprene) with seal\$3  | US-PGPUB;<br>USPAT                                    | OR | ON  | 2006/11/07 14:40 |
| S41 | 8     | S37 and S40  | US-PGPUB;<br>USPAT                                    | OR | ON  | 2006/11/07 15:22 |
| S42 | 158   | self\$1seal\$3 same (puncture or<br>hole) same (silicone or neoprene)      | US-PGPUB;<br>USPAT                                    | OR | ON  | 2006/11/07 15:23 |
| S43 | 43229 | air adj bubble   | US-PGPUB;<br>USPAT                                    | OR | ON  | 2006/11/07 15:23 |
| S44 | 10    | S42 and S43  | US-PGPUB;<br>USPAT                                    | OR | ON  | 2006/11/07 15:24 |
| S45 | 179   | test same (air or gas) adj bubble<br>same liquid same vacuum               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/11/08 07:51 |
| S46 | 1112  | (73/40.7).CCLS.  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | OFF | 2006/11/08 07:51 |
| S47 | 0     | S45 and S46  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/11/08 07:51 |
| S48 | 33    | test same (air or gas) adj bubble<br>same liquid same vacuum same<br>seal. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON  | 2006/11/08 07:52 |

## EAST Search History

|     |       |   |   |    |    |                  |
|-----|-------|---|---|----|----|------------------|
| S49 | 16    | (US-20020047220-\$ or US-20040021238-\$ or US-20030214060-\$ or US-20040131849-\$ or US-20030052423-\$).did. or (US-6416689-\$ or US-6843940-\$ or US-6099763-\$ or US-5274502-\$ or US-6936197-\$ or US-6733701-\$ or US-6103148-\$ or US-5078144-\$ or US-4950289-\$ or US-4534208-\$).did. or (US-3355932-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:27 |
| S50 | 8875  | venturi same vacuum   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:27 |
| S51 | 0     | S49 and S50   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:27 |
| S52 | 46294 | venturi   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:28 |
| S53 | 0     | S49 and S52   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:40 |
| S54 | 64    | (liquid adj loss or drip) same seal same (puncture or hole) same cavity   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:45 |
| S55 | 5     | (liquid adj loss or drip) same self\$1seal\$3 same puncture same needle   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:48 |
| S56 | 5     | (liquid adj loss or drip) same self\$1seal\$3 same test\$3  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:56 |
| S57 | 0     | liquid adj loss same self\$1seal\$3 same track\$3   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:58 |
| S58 | 0     | track\$3 adj liquid adj loss same self\$1seal\$3  | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:58 |
| S59 | 0     | track\$3 adj fluid adj loss same self\$1seal\$3   | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 15:58 |
| S60 | 71589 | drip  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/13 16:05 |

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|     |        |  |   |    |    |                  |
|-----|--------|--|---|----|----|------------------|
| S61 | 16     | (US-20020047220-\$ or<br>US-20040021238-\$ or<br>US-20030214060-\$ or<br>US-20040131849-\$ or<br>US-20030052423-\$).did. or<br>(US-6416689-\$ or US-6843940-\$<br>or US-6099763-\$ or US-5274502-\$<br>or US-6936197-\$ or US-6733701-\$<br>or US-6103148-\$ or US-5078144-\$<br>or US-4950289-\$ or<br>US-4534208-\$).did. or<br>(US-3355932-\$).did. | US-PGPUB;<br>USPAT;<br>USOCR                          | OR | ON | 2006/11/13 16:05 |
| S62 | 0      | S61 and S60  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/13 16:06 |
| S63 | 287685 | leak   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/13 16:06 |
| S64 | 12     | S61 and S63  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>IBM_TDB | OR | ON | 2006/11/13 16:06 |